

SQ 600 LED IOT BT RCR HYT 4400LM PLX I CL. 592X592MM 840 (45W)

DETAILED CARD



TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	45
Luminous flux [lm]*:	4400
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	85
Energy efficiency class:	F
Electrical protection class:	I
Colour temperature [K]:	4000
Diffuser colour:	white

CHARACTERISTICS

The SQ 600 LED IoT is a new line of square raster lights. Designed from the ground up, the design introduces new solutions to ensure excellent light performance. The body is made of plastic for low weight. The diffuser provides the lamp with excellent light characteristics. Integrated LED module Ensures low power consumption and all the advantages of modern LED lamps. Degree of protection - dependent on mounting method: - surface-mounted - IP20, - recessed - IP44/20.**IoT characteristics**The **IoT BT RCR HYT** version has: a built-in **BT HYT** module allowing for programming functions in the Lena Lighting Clue app and real-time control; **RCR** motion and daylight sensor hidden under the shade and **ON/OFF** driver without dimming function of the light source.

APPLICATION

Surface-mounted luminaire with the possibility of flush mounting in modular ceilings and in plasterboard ceilings (using plasterboard recessing kit) is especially recommended for offices, spacious corridors and public spaces.

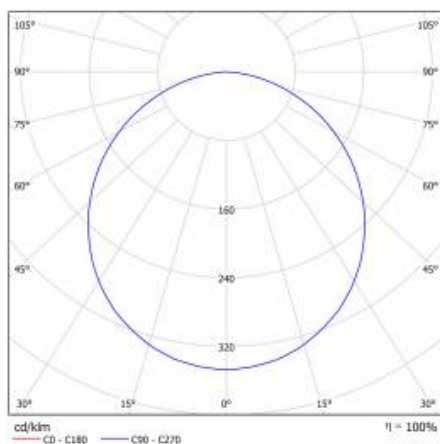
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DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	670954	Diffuser colour:	white
Light source:	LED module	Optics:	lens
Nominal power [W]:	45	Optics material:	PMMA
Luminous flux [lm]:	4400	Material of the body:	ABS
Supply voltage [V]:	220-240	Colour of the body:	white
Frequency [Hz]:	50-60	Dimensions (H/W/T/S) [mm]:	592/592/44
Luminous efficacy [lm/W]:	85	Ingress protection:	IP44/IP20
Energy efficiency class:	F	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Electrical protection class:	I	Motion sensor:	yes
Colour temperature [K]:	4000	Category type:	troffers
Color rendering index (Ra) >:	80	Photobiological safety:	RG0 - exempt (no photobiological hazard)
LED lifespan L70B50 [h]:	50000	Warranty [years]:	5
LED lifespan L80B10 [h]:	32000	CE certificate:	442/2023
LED lifespan L90B10 [h]:	15000	PZH certificate:	B-BK-60112-0419/2025
Beam angle [°]:	120	Environmental Product Declaration (EPD):	944/2026
Light distribution type:	open space	Manual:	Download PDF
Diffuser material:	PS	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Diffuser type:	OPAL		

LIGHT CURVES



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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
978395	Installation kit SQ 600 Ceiling system H40 100x100
374845	Frame adapter KG 635x635 WHITE



Frame adapter KG 635x635
WHITE (374845)

Card creation date: 04 May 2026

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 442/2023